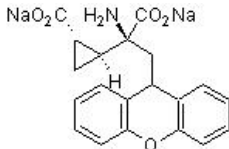


## Product datasheet

### LY 341495 disodium salt (mM/ml), group II/group III mGlu antagonist (water-soluble) ab144500

1 Image

#### Overview

<b>Product name</b>	LY 341495 disodium salt (mM/ml), group II/group III mGlu antagonist (water-soluble)
<b>Description</b>	Water-soluble group II/group III mGlu antagonist. Disodium salt of LY 341495 ( <a href="#">ab120199</a> ). 1 ml water soluble pack.
<b>Biological description</b>	<p>Very selective nanomolar potent antagonist for group II mGlu receptors. Also a relatively potent antagonist for group III mGlu receptors at high nanomolar to low micromolar concentrations. Disodium salt of LY 341495 (<a href="#">ab120199</a>) which displays <math>K_d</math> values of 1.67, 0.75, 31.6, 72.7, 14 nM at human mGlu<sub>2</sub>, mGlu<sub>3</sub>, mGlu<sub>6</sub>, mGlu<sub>7a</sub>, and human mGlu<sub>8a</sub> receptors respectively. LY 341495 displays IC<sub>50</sub> values of 7.8, 8.2 and 22 <math>\mu</math>M for mGlu<sub>1a</sub>, mGlu<sub>5a</sub> and mGlu<sub>4</sub> receptors. It is readily brain penetrant and active <i>in vivo</i>.</p> <p>Soluble in 1 ml water to give specified mM/ml concentration. <a href="#">Find out more.</a></p>
<b>Purity</b>	> 98%
<b>Chemical structure</b>	

#### Properties

<b>Chemical name</b>	(2S)-2-Amino-2-[(1S,2S)-2-carboxycycloprop-1-yl]-3-(xanth-9-yl)propanoic acid disodium salt
<b>Molecular weight</b>	397.34
<b>Molecular formula</b>	C <sub>20</sub> H <sub>17</sub> NNa <sub>2</sub> O <sub>5</sub>
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in 1 ml water to give specified mM/ml concentration
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room

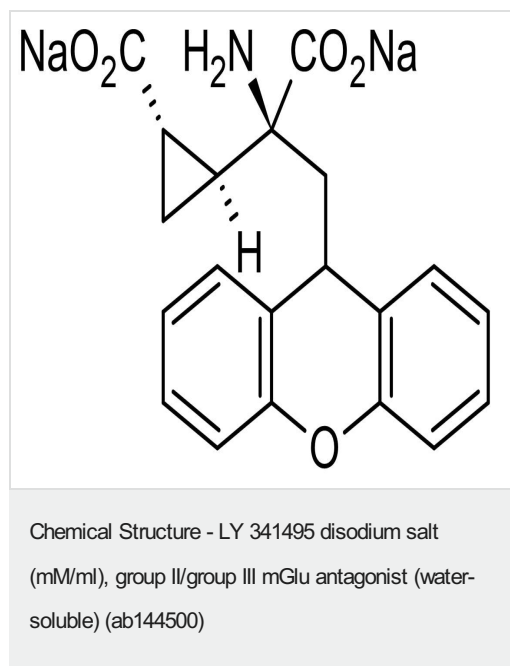
temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our **frequently asked questions (FAQ) page** for more details.

#### Source

Synthetic

#### Images



2D chemical structure image of ab144500, LY 341495 disodium salt (mM/ml), group II/group III mGlu antagonist (water-soluble)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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